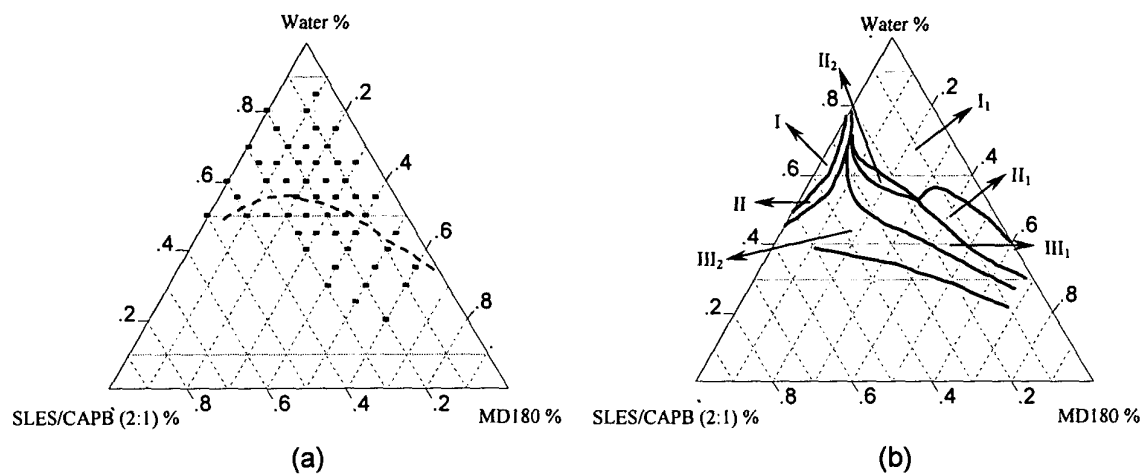


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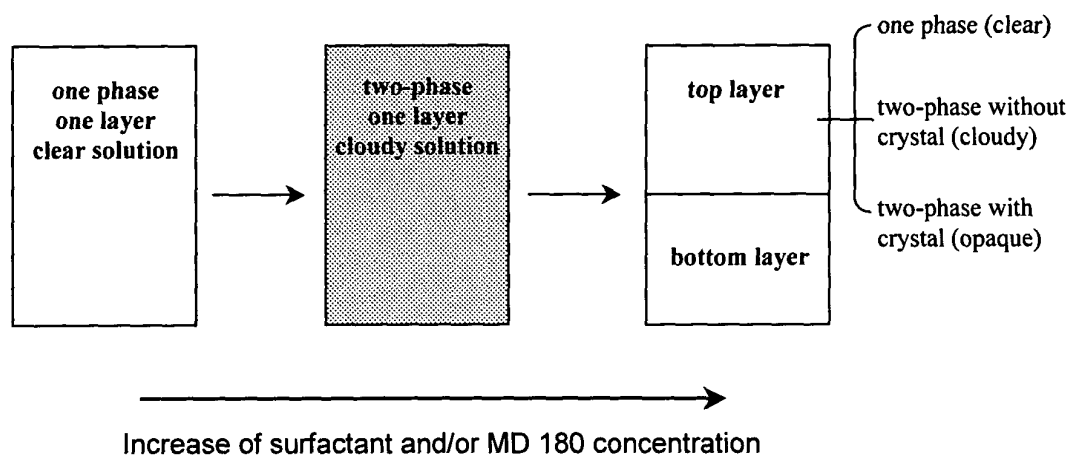


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Figure 1: Phase diagram of SLES/CAPB (2:1) - MD 180 – Water at room temperature. (a) The formulation points that were examined in this study. The dotted line is the boundary between the one-layer product and the two-layer product; (b) The phase boundaries between different phases.

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Figure 2. Schematics of the product appearance upon the increase of the surfactant and/or MD 180 concentration.

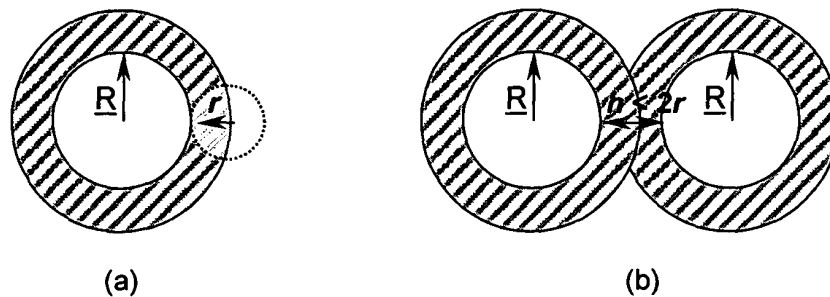
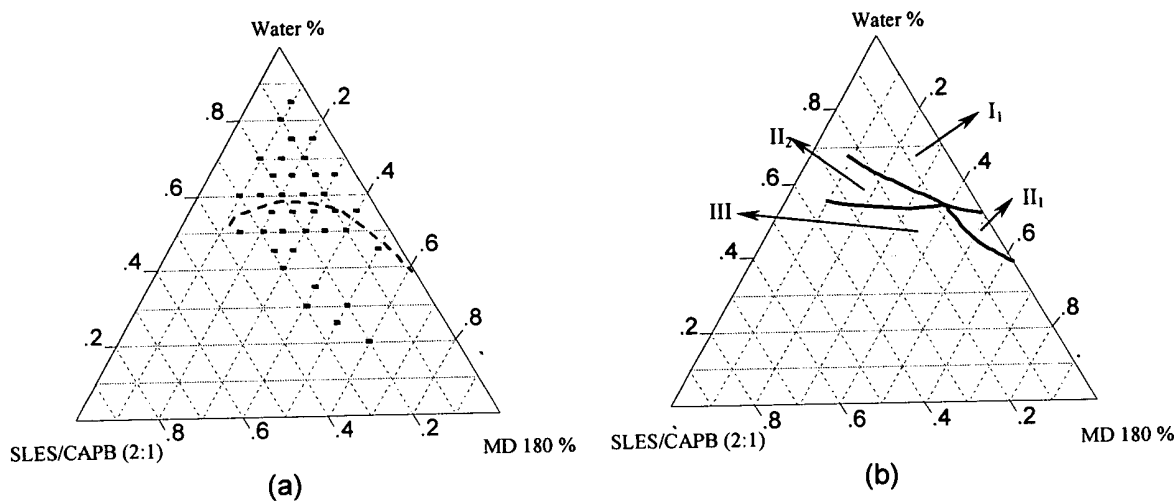


Figure 3: Schematics of the depletion flocculation in a system containing small particles of radius r and large particles of radius R . (a). The depletion zone of width r around a large particle of radius R that the center of a small particle of radius r can not penetrate into. (b). The small particles will be excluded from the gap of $h < 2r$ between two large particles.

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Figure 4: Phase diagram of SLES/CAPB (2:1) - MD 180 – Water with 1% NaCl at room temperature. (a) The formulation points that were examined in this study. The dotted line is the boundary between the one-layer product and the two-layer product; (b) The phase boundaries between difference phases.

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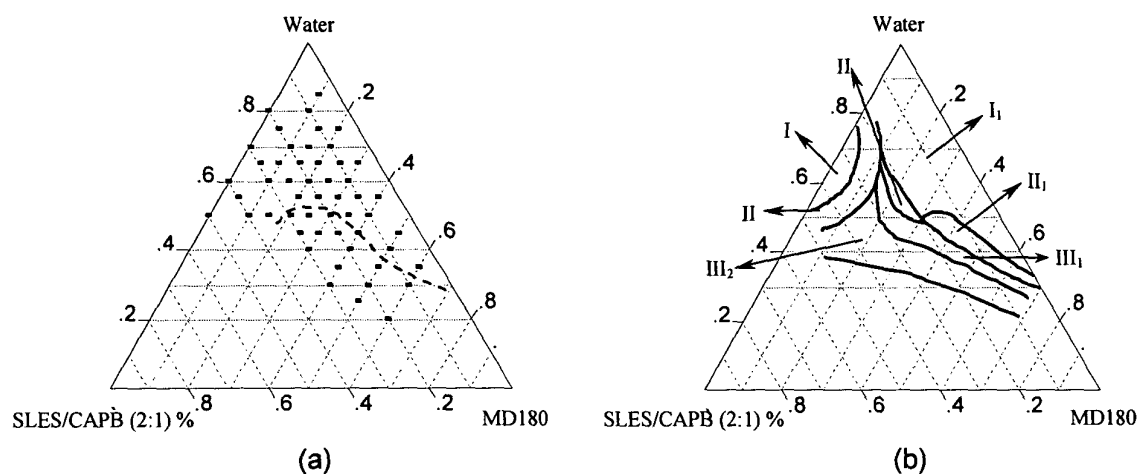


Figure 5: Phase diagram of SLES/CAPB (2:1) - MD 180 – Water with 5% glycerol at room temperature. (a) The formulation points that were examined in this study. The dotted line is the boundary between the one-layer product and the two-layer product; (b) The phase boundaries between difference phases.

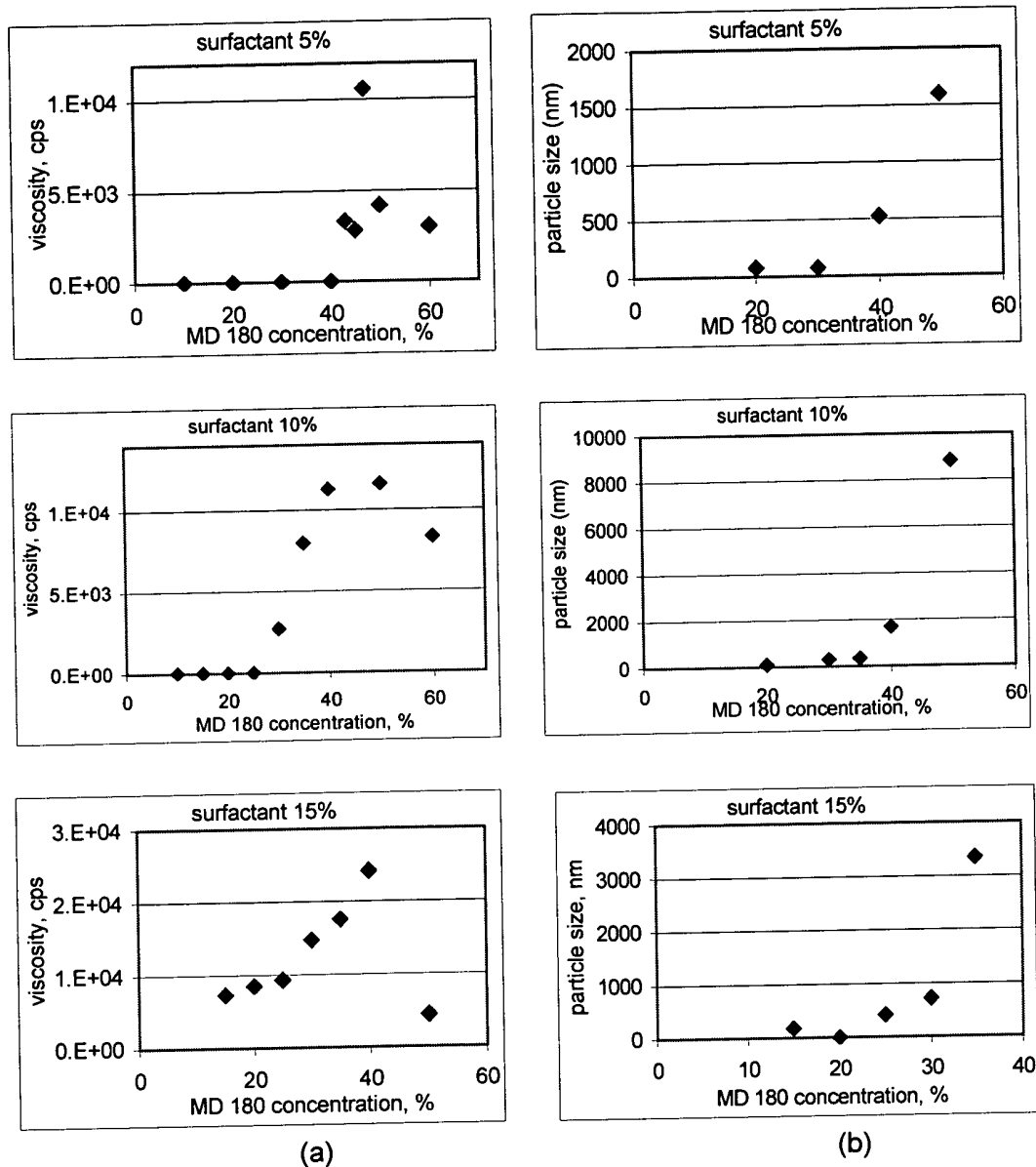
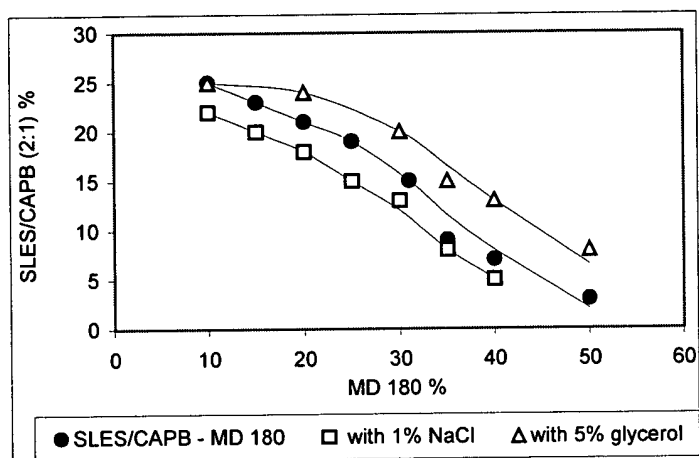


Figure 6: Viscosity and particle size for SLES/CAPB (2:1) – MD 180 – water system at surfactant concentration equals to 5%, 10% and 15%. Column (a). Viscosity at shear rate 10 s^{-1} vs. the MD 180 concentration; Column (b). Particle size vs. the MD 180 concentration.

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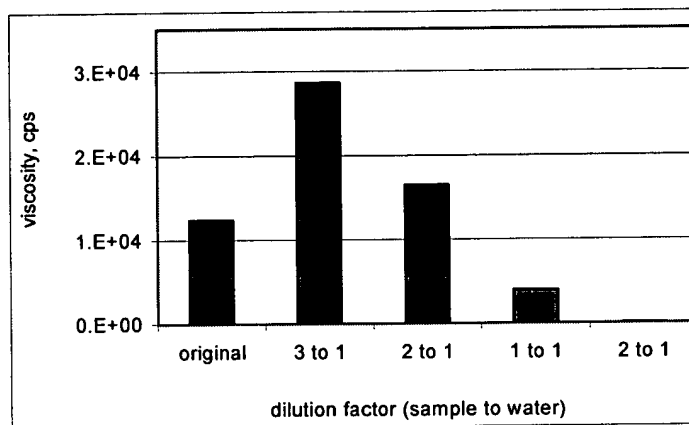
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Figure 7. Surfactant concentration at the phase boundary vs. the MD 180 concentration at the phase boundary for SLES/CAPB (2:1) – MD 180 – water formulation, SLES/CAPB (2:1) – MD 180 – water with 1% NaCl, SLES/CAPB (2:1) – MD 180 – water with 5% glycerol

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Figure 8. Viscosity changes (at shear rate 10 S^{-1}) of the formulation SLES/CAPB (2:1) 20%, MD 180 50% upon dilution with water.